MOZA RACING

Quick Guide

CRP2 Racing Pedals

User Manual

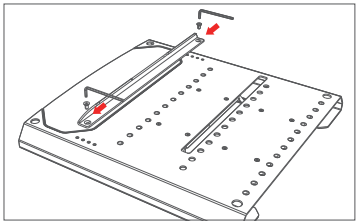
01 Product Introduction

- Aviation-grade Aluminum Alloy
- 200KG Load Cell Sensor
- 15Bit High-precision Angle Sensor
- Adjustable Pedal Feel for All Types of Racing Cars
- Adjustable Spring & Travel
- Support Inverted Installation

02 Base Plate Installation

1. Attach the Baffle Plate:

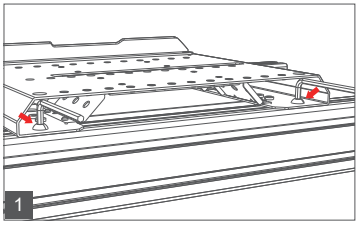
Use the 2.5mm hex wrench and screws from the accessory pack to secure the baffle plate to the base. You can move the baffle plate forward or backward to suit your preference.

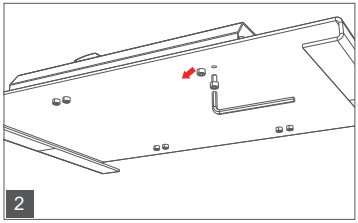


2. Mount the Pedal Base:

Method 1 (for installation direct to aluminum profile): Use four M8 screws and a wrench to secure the base using M8 t-nuts in the aluminum profile slot.

Method 2 (for installation direct to pedal plates) Align the pedal plates and use 4 to 8 M6 screws or mounting hardware supplied with your pedal plate.

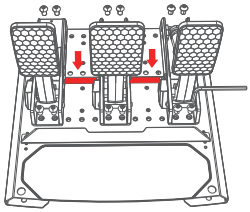




03 Pedal Installation

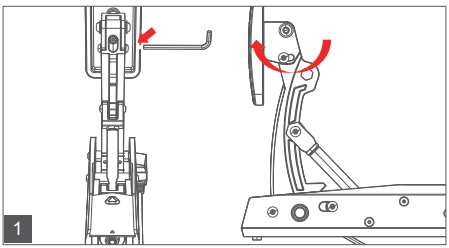
Mount the Pedals:

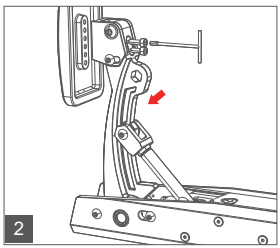
Use the screws and wrench from the accessory pack to attach the throttle and brake pedals to the base. Adjust the pedal positions as needed. Route the pedal cables through the base and connect them to the control box at the bottom. (Avoid pulling or pressing on the cables too hard during installation.)



04 Pedal Face Adjustment

1. **Adjusting Pedal Face Angle:** Use a wrench to loosen the screws on both sides, adjust the pedal face to the suitable angle, then tighten the screws on both sides (see Figure 1).
2. **Adjusting Pedal Face Height:** Use the T-shaped wrench to remove the screws (see Figure 2), adjust the pedal face height, then tighten the screws. If the blue glue on the screws wears off after multiple adjustments, consider replacing the screws for better stability.

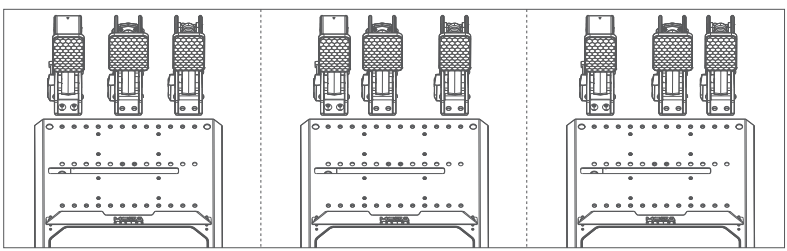




05 Pedal Spacing Adjustment

Adjust Pedal Spacing

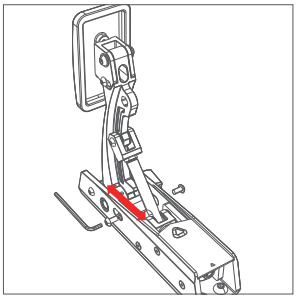
Move the pedals left or right to adjust the spacing between them. After choosing the correct holes, secure the screws. This method works for the throttle, brake, and clutch pedals.



06 Adjusting Pedal Travel

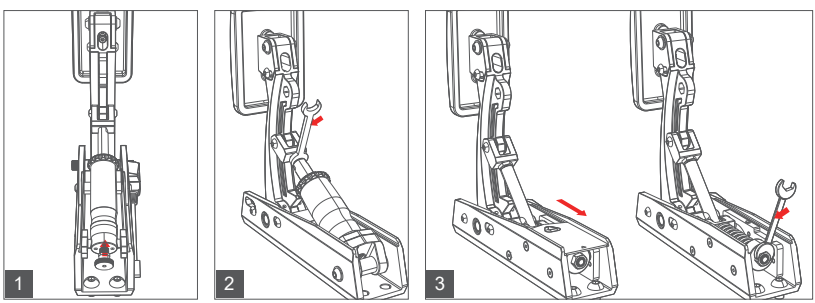
Adjust Pedal Travel:

To adjust the travel of the throttle, brake, and clutch pedals, loosen the screws on both sides of the limit shaft with a wrench, adjust to the desired position, and then tighten the screws.



07 Pedal Feel Adjustment

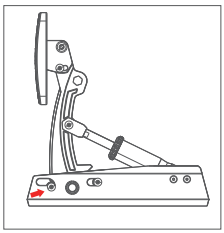
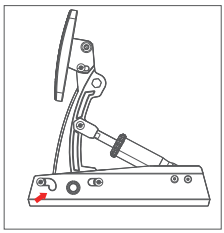
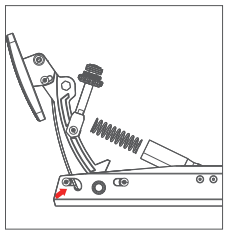
1. **Throttle Pedal Feel Adjustment:**
   Turn the adjustment nut clockwise to make the throttle return feel stronger. Turn it counter-clockwise to make it softer (see Figure 1). You can also change the spring to adjust the feel; see the next section for details.
2. **Brake Pedal Feel Adjustment:**
   Use an open-end wrench to turn the pressure shaft clockwise to make the brake feel firmer, or counterclockwise to make it softer. After adjusting, use two wrenches to tighten the nut and pressure shaft to prevent loosening. You can also change the damping blocks to adjust the feel; see the next section for details.
3. **Clutch Pedal Feel Adjustment (Clutch Pedal is available separately):**
   Slide the cover plate back and remove it. Use an open-end wrench to turn the nut clockwise to make the clutch feel firmer or counterclockwise to make it softer. After adjustment, slide the cover plate back. You can also change the spring to adjust the feel; see the next section for details (spring included with the clutch pedal).



08 Replacing Springs and Damping Blocks

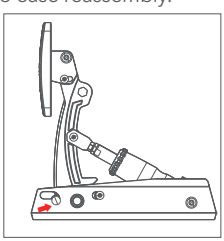
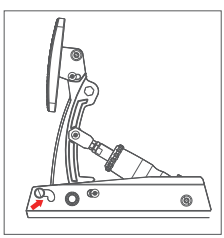
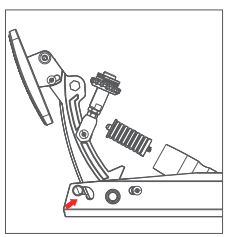
1. Throttle Spring Replacement:

Loosen the 2 knurled limit shaft screws by hand, press the pedal to a slight angle and lift the front limit shaft away from the pedal to allow extra forward pedal travel. Release the pedal, unscrew the sleeve cover, remove the existing spring, and replace it with the red spring from the accessory pack for a stronger feel. Ensure the spring is centered to avoid noise. Reassemble the sleeve cover, press the pedal again, reposition the front limit shaft, and tighten the knurled screws by hand.

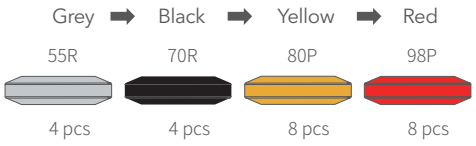




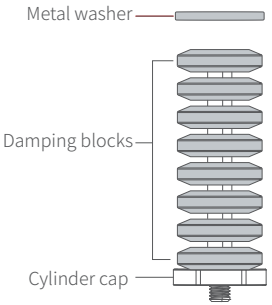
2. Brake Damping Block Replacement:

The damping block (black and yellow) out of factory is medium hardness, the gray is softer, and the red is harder. The brake sleeve comes with 6 yellow and 2 grey damping blocks out of factory. The accessory pack provides 8 red, 2 yellow, and 2 grey damping blocks. For more details on the different colors and their applications, please refer to the following pages. To replace, loosen the 2 knurled limit shaft screws by hand, press the pedal to a slight angle(may require foot pressure due to damper stiffness) and lift the front limit shaft away from the pedal to allow extra forward pedal travel. release the pedal, and remove the front cover. Replace the damping blocks (install 9 blocks in any hardness combination), then reassemble the front cover and pressure shaft. If the pressure shaft doesn't fit, rotate it to align the internal rod. Press the pedal and reposition the front limit shaft. For the red damping block, rotate the pressure shaft counterclockwise to ease reassembly.

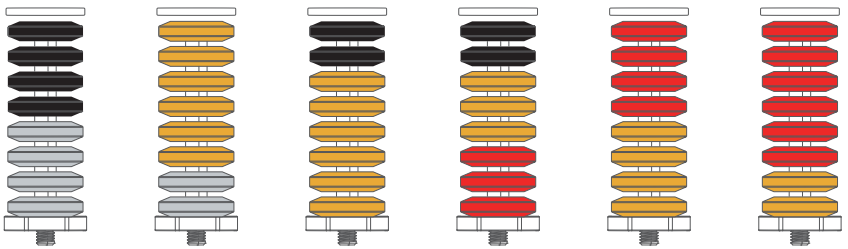
Damping Block Hardness (Soft to Hard)





Installation Method:

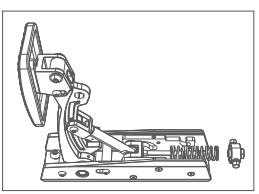
To simulate the pedal feel of various race cars, you can freely combine 8 damping blocks as shown in the diagram. You can use the following recommended combinations or adjust them according to your preference:



Road Car | High-Performance Car or Supercar | Rally Car | GT4 Car | GT3 Car | F3 Car

3. Clutch Pedal Spring Replacement:

First, remove the cover plate. Then, take out the rear end block of the spring from the slot. Replace it with the stronger blue spring, reassemble the block in the slot, and put the cover plate back on.



Note:

Do not connect the pedals to both the base and PC simultaneously; connect to only one device at a time!